OpenAPM
The Initiative for Open, Tailored APM Solutions

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Application Performance Management (APM)

“Monitoring”

“Digital Experience Management”

“User Experience Monitoring”

“Observability”

Users & Clients  Network  Application Backend  Hardware
The Top Dogs

... at the commercial APM market

- Dynatrace
- AppDynamics
- New Relic
- Data Dog
- Riverbed
- Instana
- CA APM
- IBM Corelsense
- ...
Selecting an APM solution …

… is highly context-dependent

APM Features
- Dashboards
- End User Monitoring
- Business Transaction Detection
- Anomaly-Detection
- Data Analytics
- Metric-based
- Trace-based
- Alerting

Processes & Culture
- DevOps vs. Dev + Ops
- In-house vs. 3rd party dev
- Agile vs. Waterfall etc.
- Commercial vs. Open-Source

Org. Requirements
- User & Role Mngmt.
- Privacy regulations

Technologies
- Cloud
- Microservices vs. Monoliths
- Used Frameworks
- Operating Systems
- Java, .Net, NodeJS, etc.

Other
- Security
- Standards, Certifications

...
APM solutions need to be tailored to the individual contexts! to the rescue!
The Beauty of Open Source Tools for APM ...

There are a lot of them! Narrow scope → specialized!

Used at high scale in production Open, extensible, composable
... and the Questions

Which tools are out there for APM?

What are they good for?

Which tools are composable & how can they be combined?

Which combinations are suited for which scenarios?
The OpenAPM Initiative

https://openapm.io
The OpenAPM Landscape

Demo Time
Try it Yourself

Gatling Load

Spring Boot - PetClinic

Prometheus

Telegraf

InfluxDB

Grafana

Jaeger

openapm/spring-petclinic-microservices
Let’s Wrap Up

NO One-Size-Fits-All with APM!

Possibilities of open-source APM

Examples of combining tools
OpenAPM

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